

# HARWI OrcaMatic

Vertical panel saws



Harwi represents **quality**  
**and service** through craftsmanship



# HARWI OrcaMatic

Vertical panel saws

The OrcaMatic allows for ergonomic sawing of panels, no additional effort and strength is required to move the saw unit. It is possible to switch off the automatic movement in order to process smaller panels by hand.



## Standard equipment

- Locking control (prevents vertical and horizontal strip cutting)
- Length stop
- Two midway fences
- Panel mover
- Brake motor
- Reiteration stop
- Stops for horizontal cuts
- Material sensor
- Automatic moving panel support
- Automatic horizontal saw movement
- Automatic vertical saw movement
- Automatic depth configuration
- Frequency converter
- Emergency stop
- Tools

## Options

- Digital read-out horizontal cuts
- Digital length-stop vertical cuts
- Extra midway fences
- Extra length stop (analog)
- Motor 2,2 kW/230V/1~ I/O 3 kW/400V/3~
- Support midway fence
- Socket for dust extraction
- Dust extractor D14 (not suitable for TRK system)
- Transport rollers (foot operated)
- Transport rollers (pneumatic)
- TRK system
- Mitre support (for cutting e.g. 45°)
- Scoring saw unit\*
- V-grooving unit for aluminium composite panels (not usable with scoring saw)
- 1 meter extra length of cut 1550
- 1 meter extra length of cut 1850/2150
- 2 meter extra length of cut 1550
- 2 meter extra length of cut 1850/2150
- Special sawing heights / sawing lengths



## Specifications

Type	OrcaMatic 1250	OrcaMatic 1550	OrcaMatic 1850	OrcaMatic 2150
Height of cut	1250 mm	1550 mm	1850 mm	2150 mm
Length of cut	2500 mm	3300 mm	4300 mm	4300 mm
Depth of cut	55 mm	55 mm	55 mm	55 mm
Diameter saw blade	ø 250 mm	ø 250 mm	ø 250 mm	ø 250 mm
Diameter scoring saw*	ø 70 mm	ø 70 mm	ø 70 mm	ø 70 mm
Motor power	4 kW (5.5 hp)	4 kW (5.5 hp)	4 kW (5.5 hp)	4 kW (5.5 hp)
Voltage	400 V/3~	400 V/3~	400 V/3~	400 V/3~
Air pressure	6 bar	6 bar	6 bar	6 bar
Spindle speed	2800 rpm	2800 rpm	2800 rpm	2800 rpm
Saw blade rpm	5000 rpm	5000 rpm	5000 rpm	5000 rpm
Scoring saw rpm	13000 rpm	13000 rpm	13000 rpm	13000 rpm
Diameter dust extraction	ø 100 mm	ø 100 mm	ø 100 mm	ø 100 mm
Weight	555 kg	645 kg	695 kg	725 kg

## Measurements

Type	OrcaMatic 1250	OrcaMatic 1550	OrcaMatic 1850	OrcaMatic 2150
A	800 mm	800 mm	900 mm	900 mm
B	1200 mm	1200 mm	1400 mm	1400 mm
C	1700 mm	2000 mm	2300 mm	2600 mm
D	2150 mm	2450 mm	2700 mm	3000 mm
E	3350 mm	4300 mm	5300 mm	5300 mm

